10/564846 IAP20 Rec'd PCT/FTO 13 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Karsenti, Laurent.

Application No.: Not Yet Received

Filed: July 15, 2003

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Docket No.: 40006317-0072-002

Confirmation No.: Not Yet Received

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on January 13, 2006

Date of Deposit

Jennifer L. Stewart
Name of Person Mailing Correspondence

11304 Date

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g. copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted with the filing of this application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

30/564846

IAP201200 OFCT. TO 13 JAN 2006

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 19-3140. A duplicate copy of this sheet is enclosed for this purpose.

Respectfully submitted,

SONNENSCHEIN NATH & ROSENTHAL LLP

Tarek N. Fahmi, Reg. No. 41,402

Date: January 13, 2006

Patent Counsel Applied Materials, Inc. P.O Box 450A Santa Clara, Ca 95052 415.882.5023

10/564846

IAP20 Rec'd PCT/7TO 13 JAN 2006 sclosure Statement is not to be construed as

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 19-3140. A duplicate copy of this sheet is enclosed for this purpose.

Respectfully submitted,

SONNENSCHEIN NATH & ROSENTHAL LLP

Tarek N. Fahmi, Reg. No. 41,402

Date: January 13, 2006

Patent Counsel Applied Materials, Inc. P.O Box 450A Santa Clara, Ca 95052 415.882.5023

IAP20 Rec'd PCT/PTO 13 JAN 2006

PTO/SR/084 (07-05) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent end Trademerk Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons ere required to respond to e collection of information unless it conteins a valid OMB control number Complete if Known Substitute for form 1449/PTO unknows / 5 64846 Application Number Filing Date First Named Inventor Karsenti, Laurent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of 2

Sheet 1

Art Unit unknown Examiner Name unknown Attorney Docket Number 40006317-0072-002

				T DOCUMENTS	
Exeminer Initials*	No.1	Document Number Number-Kind Code ² (f hrown)	Publication Date MM-DD-YYYY	Neme of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Passages or Relevan Figures Appear
		US- 6,122,397	09/19/2000	Nelson Alan C. et al.	
		US- 2001/036306	04/30/1996	Wienecke, Joachim	
		US- 5,513,275	04/30/1996	Khalaj et al.	
		US- 6,330,354	12/11/2001	Campanion Pierre M. et al.	
		^{US-} 4,484,081	11/20/1984	Cornyn Jr. William S. et al.	
		^{US-} 2003/076989	04/24/2003	Maayah Kais Jameel et al.	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁰		
		EP 1 146 481	10/17/2001	Nanogeometry Res.				
	_							
·	_					Н		
						ш		

/Max Shikhman/ Considered 12/11/2008 Signature

"EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this flow myth net of communication to applicant." Applicant's urique citation designation number (optional). "See Kinds Codes of USPP 0 particles that the communication of the property of the prop Translation is attached.

Trainstants in autorition.

This collection of information is required by 37 CFR 1.97 and 1.99. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 33 USC. 122 end 37 CFR 1.4. This collection is estimated to take 2 hours to complete, including galarieng, preparing, and submitting the complete despotation ten on the USPTO. Three will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ander suggestions for motivating the substant, and the submitted in the control of the contr TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Date

IAP20 Rec'd PCT/FTO 13 JAN 2006

PTO/SR/08B (07-05) Approved for use through 07/31/2006. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are Substitute for form 1449/PTO				re required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known			
Subsuit	NETOTION 1440/FTO			Application Number	Unknown 10/564846		
INF	ORMATION	DIS	CLOSURE	Filing Date	July 15, 2004		
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Karsenti, Laurent		
(Use as many sheets as necessary)				Art Unit	unknown		
				Examiner Name	unknown		
Sheet	2	of	2	Attorney Docket Number	40006317-0072-002		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the ilem (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		International Search Report, APPLIED MATERIALS ISRAEL, LTD., May 11, 2005, 9 pp	
		XIANGHONG ZHAO et al., Automated Image Analysis for Applications in Reservoir Characterization, Knowledge-Based infeltigent Engineering Systems and Alfied Technologies, 2000. Proceedings, fourth int. conference on Brighton, UK., 30 Aug. 1 Sept. 2000. 4pp	
		GONGYUAN Qu et al., Wafer Defect Detection Using Directional Morphological Gradient Techniques, Eursasip Journal on Applied Signal Processing Hindawl USA, Vol 2002, No. 7, 18p	
			_

Examiner Signature	/Max Shikhman/	Date Considered	12/11/2008

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered, inclose copy of its from with next communication to application. It applicants is surject and control of the contr Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.